

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application

Inventor(s): Pugh, et al.
Appl. No.: 10/784,559
Confirm. No.: 8662
Filed: February 23, 2004
Title: SYSTEM FOR MULTI-LANGUAGE
DEBUGGING

PATENT APPLICATION

Art Unit: 2191
Examiner: Ted T. Vo

Customer No. 23910

CERTIFICATE OF TRANSMISSION/MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being electronically transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: **Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**, on the date shown below.

/Thomas K. Plunkett/

(Attorney Signature)

Thomas K. Plunkett, Reg. No. 57,253

Signature Date: June 11, 2007

**TRANSMITTAL LETTER RE INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.56**

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56. If this is a continuation, divisional or continuation-in-part application, it is understood that the Examiner will consider all information which was considered by the Office in a parent application. MPEP §609. Such information therefore is not listed herein unless it is desired that the information be printed on a patent issuing from the subject application.

Enclosed with this statement are the following:

- ☒ Form PTO-1449. The Examiner is requested to initial the form and return it to the undersigned in accordance with M.P.E.P. §609.
- ☒ As allowed under 37 C.F.R. § 1.98(a)(2)(ii), no copies of the U.S. patents and U.S. patent application publications are enclosed, unless required by the office.
- ☐ As allowed under 37 CFR §1.98(d), copies of cited documents noted with an asterisk are not enclosed because they were previously submitted in U.S. Patent Application No. / , which is relied on for an earlier effective filing date under 35 USC §120, and which included an Information Disclosure Statement that complies with 37 CFR §1.98(a) through (c).

___ A copy of an International Search Report dated _____ for Application No. _____.

✓ If any of the cited/submitted documents is in a foreign language, a concise explanation of relevance is provided pursuant to 37 C.F.R. § 1.98(a)(3)(i). For foreign language documents cited in a search report by a foreign patent office, the requirement for a concise explanation of relevance is satisfied by the submission herewith of an English language version of the search report. MPEP §609A(3). If a written English-language translation of a non-English language document, or portion thereof, is within the possession, custody or control of, or is readily available to any individual designated in §1.56(c), a copy of the translation accompanies this statement, 37 C.F.R. §1.98(a)(3)(ii), and satisfies the requirement for a concise explanation of relevance, MPEP §609A(3).

This statement should be considered because:

✓ **37 C.F.R. §1.97(b).** This statement qualifies under 37 C.F.R. §1.97, subsection (b) because:

- (1) It is being filed within three months of the filing date of an application other than a continued prosecution application under § 1.53(d);
-- OR --
- (2) It is being filed within 3 months of entry of a national stage;
-- OR --
- (3) It is being filed before the mailing date of the first Office Action on the merits,
-- OR --
- (4) It is being filed before the mailing date of the first Office Action after the filing of a Request for Continued Examination under 37 C.F.R. §1.114.

___ **37 C.F.R. §1.97(c).** Although it may not qualify under subsection (b), this statement qualifies under 37 C.F.R. §1.97, subsection (c) because:

- (1) It is being filed before the mailing date of a FINAL Office Action, a Notice of Allowance, or an action that otherwise closes prosecution in the subject application, whichever occurs first.
-- AND (*check at least one of the following*) --
___ (1) It is accompanied by a STATEMENT as set forth in 37 C.F.R. §1.97(c).
-- OR --
___ (2) It is accompanied by the \$180 fee set forth in 37 C.F.R. §1.17(p).

___ **37 C.F.R. §1.97(d).** Although it may not qualify under subsection (b) or (c), this statement qualifies under 37 C.F.R. §1.97, subsection (d) because:

- (1) It is being filed on or before payment of the Issue Fee;
-- AND --
- (2) It is accompanied by a STATEMENT as set forth in 37 C.F.R. §1.97(e);
-- AND --
- (3) It is accompanied by the \$180 fee set forth in 37 C.F.R. §1.17(p).

— **PTA Statement under 37 C.F.R. §1.704(d).** Each item of information contained in the *Information Disclosure Statement* was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the *Information Disclosure Statement*.

— 37 C.F.R. §1.97(e)(1). THE UNDERSIGNED ATTORNEY HEREBY STATES THAT each item of information contained in this *Information Disclosure Statement* was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this *Information Disclosure Statement*; or

— 37 C.F.R. §1.97(e)(2). THE UNDERSIGNED ATTORNEY HEREBY STATES THAT no item of information contained in this *Information Disclosure Statement* was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this statement after making reasonable inquiry, no item of information contained in this *Information Disclosure Statement* was known to any individual designated in §1.56(c) more than three months prior to the filing of this statement.

✓ **Fee Authorization.** The Commissioner is hereby authorized to charge any deficiencies or credit any overpayment to Deposit Account No. 06-1325.

Respectfully submitted,

FLIESLER MEYER LLP

Date: June 11, 2007

By: /Thomas K. Plunkett/
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Form PTO-1449 (Substitute)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket Number BEAS-01411US1	Application/Patent Number 10/784,559
Information Disclosure Statement BY APPLICANT (Use several sheets if necessary)		Applicant/Patent Owner Pugh, et al.	
		Filing/Issue Date February 23, 2004	Group Art Unit 2191

U.S. PATENTS							
Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
	1.	7,127,704 B2	10/24/2006	Van De Vanter	717	112	
	2.	6,243,737 B1	06/05/2001	Flanagan	709	202	
	3.	6,643,652 B2	11/04/2003	Helgeson	707	10	
	4.	6,832,238 B1	12/14/2004	Sharma	709	201	
	5.	7,072,934 B2	07/04/2006	Helgeson	709	203	
	6.	7,051,072	05/23/2006	Stewart	709	204	
	7.	7,051,316	05/23/2006	Charisius	717	103	
	8.	5,604,860 A	02/18/1997	McLaughlin	715	866	
	9.	5,630,131	05/13/1997	Palevich	717	108	
	10.	6,018,730 A	01/25/2000	Nichols	706	45	
	11.	6,023,578 A	02/08/2000	Birsan	717	105	
	12.	6,470,364 B1	10/22/2002	Prinzing	715	530	
	13.	6,637,020 B1	10/21/2003	Hammond	717	107	
	14.	6,654,932 B1	11/25/2003	Bahrs	715	507	
	15.	6,789,054 B1	09/07/2004	Makhlouf	703	6	
	16.	7,017,146 B2	03/21/2006	Dellarocas	717	106	
	17.	7,062,718 B2	06/13/2006	Kodosky	715	771	
	18.	7,111,243 B1	09/19/2006	Ballard	715	744	
	19.	7,076,772 B2	07/11/2006	Zatloukal	717	147	
	20.	6,847,981 B2	01/25/2005	Song	707	104.1	

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*Information Disclosure Statement
BY APPLICANT
(Use several sheets if necessary)*

U.S. PATENT PUBLICATIONS				
Examiner Initial		Patent Application Publication Number	Publication Date	Applicant
	21.	2006/0206856 A1	09/14/2006	Breedon
	22.	2004/0019645	01/29/2004	Goodman
	23.	2003/0084203	05/01/2003	Yoshida
	24.	2002/0073236 A1	06/13/2002	Helgeson
	25.	2005/0278585 A1	12/12/2005	Spencer

PENDING U.S. PATENT APPLICATIONS					
Examiner Initial		Application Number	Filing Date	First Named Inventor	Petition to Expunge? Yes No

FOREIGN PATENT DOCUMENTS							
Examiner Initial		Document Number	Publication Date	Country	Class	Subclass	Translation Yes No

NON-PATENT LITERATURE DOCUMENTS	
(Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, pages, volume-issue number(s), publisher, city and/or country where published.	
26.	EMBURY, S.M., et al., "Assisting the Comprehension of Legacy Transactions," Proceedings of the 8 th Working Conference on Reverse Engineering, 2-5 Oct. 2001, pp. 345-354.
27.	MAYS, E., et al., "A Persistent Store for Large Shared Knowledge Bases," IEEE Transactions on Knowledge and Data Engineering, Vol. 3, No. 1, March 1991, pp. 33-41.
28.	TANG, C., et al., "Integrating Remote Invocation and Distributed Shared State," Proceedings of the 18 th International Parallel and Distributed Processing Symposium, IEEE, 26-30 April, 2004.
29.	JAVA™ Debugging Interface - definition, retrieved from <URL http://java.sun.com/j2se/1.4.2/docs/guide/jpda/jdi/overview-summary.html on 02/21/2007.

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NON-PATENT LITERATURE DOCUMENTS	
(Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, pages, volume-issue number(s), publisher, city and/ or country where published.	
30.	Hewlett-Packard Company, "hp application server," developer's guide version 8.0, 1999-2001, pp. 27-81, 127-160, 195-271.
31.	BOGUNOVIC, N., "A Programming Model for Composing Data-Flow Collaborative Applications," <i>ecbs</i> , p. 106, IEEE Conference and Workshop on Engineering of Computer-Based Systems, 1999.
32.	SUNG, S.Y., et al., "A Multimedia Authoring Tool for the Internet," Proceedings of the 1997 IEEE International Symposium on Consumer Electronics," December 1997, pp. 304-308.
33.	SMITH, M., et al., "Marching Towards a Software Resuse Future," ACM SIGAda Ada Letters, Vol. XIV, Issue 6, Nov./Dec. 1994, pp. 62-72.
34.	KILGORE, R.A., "Multi-language, open-source modeling using the Microsoft.NET Architecture," Proceedings of the 2002 Winter Simulation Conference, IEEE, pp. 629-633.
Examiner	Date Considered
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	
<p>*1 = Copy not submitted because it was submitted in prior application SN ___/___, filed ____, 20__, relied on under 35 USC §120.</p> <p>**2 = Copy not submitted because it was submitted in prior application SN ___/___, filed ____, 20__, relied on under 35 USC §120.</p>	